

WHAT IS CLAIMED IS:

1. An apparatus for reproducing recording information data from a recording disc on which information data has been divided and recorded into a plurality of concentric zones, comprising:

reading means for reading recording information data from a recording disc; and

tracking servo means for selecting one of a tracking servo control by a sampled servo system and a tracking servo control by a continuous servo system in accordance with a zone being read by said reading means to control the selected tracking servo system.

2. An apparatus according to claim 1, wherein said reading means includes means for emitting a reading light beam to said recording disc, and means for receiving the light beam reflected from said recording disc to generate a reading signal corresponding to recording information data, and wherein said recording disc comprises a first area having a plurality of first recording tracks formed at a track pitch smaller than a beam radius of said reading light beam, and a second area having a plurality of second recording tracks formed at a track pitch larger than the beam radius of said reading light beam, said first and second areas being concentrically alternately arranged.

3. An apparatus according to claim 1, wherein the tracking

servo control by said continuous servo system is a tracking servo control performed by one of a phase difference system, a 3-beam system, and a push-pull system.

4. An apparatus according to claim 2, wherein said tracking servo means performs the tracking servo control by said sampled servo system when said reading means reads the recording information data from said first area, and performs the tracking servo by said continuous servo system when said reading means reads the recording information data from said second area.

5. An apparatus according to claim 2, wherein said tracking servo means comprises:

a first tracking error detector for detecting a tracking error under said sampled servo system to produce the detected error as a first tracking error signal;

a second tracking error detector for detecting a tracking error under said continuous servo system to produce the detected error as a second tracking error signal;

an area determining circuit for determining whether said reading means reads the recording information data from one of said first area and said second area; and

a tracking servo circuit for selecting one of said first and second tracking error signals in response to an output from said area determining circuit to perform the corresponding tracking servo control.

6. A recording disc for recording information data on a recording surface, said disc comprising:

a first area including a plurality of recording tracks arranged at a track pitch smaller than a beam radius of a reading light beam, said reading light beam being irradiated onto a recording surface to read recording information data, and

a second area including a plurality of recording tracks arranged at a track pitch larger than said beam radius, wherein said first area and said second area are concentrically alternately located.

7. A disc according to claim 6, wherein only said first area includes a data pit indicating information data.

8. A disc according to claim 7, wherein a boundary track adjacent to said second area includes none of said data pit, said boundary track being one of said plurality of the recording tracks in said first area.

9. A disc according to claim 8, further comprising a plurality of pits having substantially equal pit lengths on said boundary tracks, said pits being arranged at a predetermined interval.

10. A disc according to claim 6, further comprising a

plurality of pits having substantially equal pit lengths, said pits being arranged at a predetermined interval on said plurality of recording tracks in said second area.